



MERLIN MEASLES GUIDANCE

Version 2.1

3/10/2015

VERSION HISTORY

Version #	Implemented By	Revision Date	Approved By	Approval Date	Reason
1.0	Melinda Thomas	2/27/15			Initial Draft
2.0	Melinda Thomas	3/9/15			Revisions
2.1	Melinda Thomas	3/10/15			Updates from user feedback

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1 INTRODUCTION

1.1 Purpose

This guidance document discusses changes made to the measles Extended Data screen and new measles reports added to Merlin after version 14.3. Changes to the Extended Data screen are effective 1/4/15. This document assumes the reader has a Merlin account and is familiar with basic Merlin use. To request access to Merlin, contact the Merlin Helpdesk (Merlin.Helpdesk@FLhealth.gov).

1.2 Key Points

- The Bureau of Epidemiology (BOE) is requesting that all Persons Under Investigation (PUIs) for measles are entered into Merlin within 4 hours of CHD notification.
 - At this time, weekend data entry is not required.
 - Any data gathered on the weekends should be entered into Merlin by 10am Monday morning.
 - Complete as many of the Extended Data questions as possible upon initial notification. As more information is gathered during the investigation, update Extended Data questions.
 - Extended Data questions should be updated by 4pm daily.

1.3 Overview

- Changes have been made to the measles Extended Data screen.
 - Changes include: addition of data fields to more fully capture information for an investigation, including information for persons under investigation and summary information about contacts.
- New measles reports have been added.
 - New measles reports have been added to the analysis tab to provide summaries of the investigation data.

1.4 Definitions

- **Person under investigation (PUI):** A person under suspicion of having measles but not yet meeting case definition, where specimen submission **to the Bureau of Public Health Laboratories** has been recommended following BOE consultation.
- **Case:** A person who meets the confirmed or probable case definitions for measles.
- **Unknown:** A person who does not meet the case definition or PUI criteria.

2 GETTING STARTED

Access Merlin (<http://merlin.doh.ad.state.fl.us/merlin/default.aspx>).

Search for and select an existing Merlin profile, if available, or create a new profile.

merlin Communicable Disease Reporting

Home Search Outbreak Analysis Resources Task Admin EpiGateway Essence
EpiCom Food Recalls SHOTS Help Log Off

Search:

Cases
by Case #
by Name
Advanced
Infant Search
Contact Search
Notes Search

Profile Search
Case Number:
Lab Number:
Last Name: First Name:

Labs
by Lab #
Animal Labs
ELR Search

New Profile

Search Results - 6 row(s)

SSN	Name	Date of Birth	Address	History?
		05/06/1989	ROLLA, MO 65401	N
		01/01/1988	TALLAHASSEE, FL 32312	N
		01/01/1988		Y
		12/27/1980	FERNANDINA BEACH, FL 32034	N
	TEST, TOMMY	01/01/1990	TAMPA, FL 33614	N
	TESTS, TESTS A	01/01/2001	1350 NW 14TH ST MIAMI, FL 33125	N

Create a measles record.

merlin Communicable Disease Reporting

Home Search Outbreak Analysis Resources Task Admin EpiGateway Essence
EpiCom Food Recalls SHOTS Help Log Off

Search:

Profile
Details
Summary
History
Cases
Vaccine History

Profile Detail
Note: The fields labels in blue indicate the fields required to "Submit" a case.

SSN:
Last Name: First Name:
Middle: Suffix:
Maiden:

New Case

New Lab

Gender:
Date of Birth: ☐ Unknown
Race:
Date of Death:

Merlin Measles Guidance (V 2.1)

Navigate to the measles Extended Data screen.

Communicable Disease Reporting

merlin

Home Search Outbreak Analysis Resources Task Admin EpiGateway Essence EpiCom Food Recalls

Help Log Off

Search:

Profile

Details

Summary

History

Cases

Vaccine History

Profile Summary

Name: **TESTS, TESTS A**

Address:

SSN:

Date of Birth: **01/01/2001**

Cases

Case #	FL Disease Code	Dx Status	Case Status	Extended Data Status	Event Date
742182	Measles (Rubeola) - 05590		Incomplete	No CRF Needed	02/16/2015

New Case

Create

Communicable Disease Reporting

merlin

Home Search Outbreak Analysis Resources Task Admin EpiGateway Essence EpiCom Food Recalls

Help Log Off

Search:

[Help for this Page](#)

Profile

Profile Details

Summary

History

Cases

Vaccine History

Basic Case Information

Note: The fields labeled in blue indicate the fields that are required to save the case status as "Complete".

Name: **TESTS, TESTS A** Age at Event:

Address:

SSN:

Date of Birth: **01/01/2001**

Dx Status: Not reportable by surveillance case definition

Case

Basic Data

Lab Results

EPI Link

Case Overview

Case Information

FL Disease Code: Measles (Rubeola) - 05590

Primary Reviewer(s): **DAWN CHILDS (BACKUP: DEARLINE THOMAS-BROWN)**

Investigator:

Case #: **742182**

Case Status: **Incomplete**

Ext. Status: **No CRF Needed**

Under Investigation: ☒

Reminder Date:

Case Details

Case Status

Case Symptoms

Case Definition

Control Measures

Healthcare Visits

Travel History

Extended Data

Get Physician

CHD Reference #:

Imported:

Origin:

Outbreak:

Outbreak ID: ☒ By Outbreak ID ☐ Detail Search

3 GUIDANCE

3.1 When to Create a Record

- Within 4 hours of CHD notification, measles cases and persons under investigation (PUIs) should be entered into Merlin, regardless of the individual's residency.

3.2 Person Under Investigation

- If a person is determined to be a PUI (see definition above):
 - Create a measles record
 - Complete the following Extended Data questions (as many as possible as soon as information is known):
 - Symptoms on the Case Symptoms screen under the Case Details menu
 - Questions 2-12 in the Clinical Information section
 - Questions 13 (and all sub-questions) and 14 in the Vaccination History section
 - All questions in the Under Investigation section
 - Travel history on the Travel History screen under the Case Details menu

3.3 Person Under Investigation that Becomes a Case

- If a PUI is later determined to be a confirmed or probable case:
 - Complete the remaining questions on the Extended Data screen, which includes:
 - Questions 15-18 in the Vaccination History section
 - All questions in the Epidemiologic section

3.4 Case

- If a person is determined to be a confirmed or probable case without first being a PUI:
 - Create a case
 - Complete the following Extended Data questions:
 - Symptoms on the Case Symptoms screen under the Case Details menu
 - Questions 2-12 in the Clinical Information section
 - All questions in the Vaccination History section
 - In the Under Investigation section, select "Case" for question 19 and complete questions 24 and 25
 - All questions in the Epidemiologic section
 - Travel history on the Travel History screen under the Case Details menu

3.5 Updating

- Complete as many of the Extended Data questions for the case or PUI as possible upon initial notification.
- As more information is gathered during the investigation, update Extended Data questions.
 - Extended Data questions should be updated by 4pm daily by the respective county health department.
- At this time, data entry on the weekend or after normal business hours during the week is not required.
 - Any data gathered on the weekends should be entered into Merlin by 10am Monday morning by the respective county health department.
 - Any data gathered after normal business hours during the week should be entered into Merlin by 10am the next morning by the respective county health department.

4 EXTENDED DATA SCREEN CHANGES

4.1 Clinical Information

Select the symptoms for the case or person under investigation (PUI) from the Case Symptoms screen under the Case Details menu. The selected symptoms will be displayed on the Extended Data screen for question 1.

Symptom	Other	Onset Date	Time
<input checked="" type="checkbox"/> Conjunctivitis		01/22/2015	
<input checked="" type="checkbox"/> CORYZA/RUNNY NOSE		01/22/2015	
<input type="checkbox"/> Cough			
<input type="checkbox"/> Diarrhea			
<input type="checkbox"/> ENCEPHALITIS SYMPTOMS			
<input checked="" type="checkbox"/> Fever		01/22/2015	
<input checked="" type="checkbox"/> Temperature $\geq 101.0^{\circ}\text{F}$			
<input checked="" type="checkbox"/> Koplik Spots		01/22/2015	
<input type="checkbox"/> Otitis Media			
<input type="checkbox"/> Pneumonia			
<input checked="" type="checkbox"/> Rash		01/22/2015	
<input checked="" type="checkbox"/> Generalized, maculopapular rash lasting ≥ 3 days			
<input type="checkbox"/> THROMBOCYTOPENIA			
<input type="checkbox"/> Other			

- Record all of an individual's symptoms and onset dates as they become known.
 - Entering an onset date for "Rash" and/or "Generalized, maculopapular rash lasting ≥ 3 days" is particularly important as the earliest rash onset date is used to calculate the infectious period for the individual in reports.
 - If the rash onset date changes as the investigation progresses, please update it in Merlin.

Measles Extended Data Screen

Symptom	Other	Onset Date	Time
<input checked="" type="checkbox"/> Conjunctivitis		01/22/2015	
<input checked="" type="checkbox"/> CORYZA/RUNNY NOSE		01/22/2015	
<input checked="" type="checkbox"/> Rash		01/22/2015	
<input checked="" type="checkbox"/> Generalized, maculopapular rash lasting ≥ 3 days			
<input type="checkbox"/> THROMBOCYTOPENIA			
<input type="checkbox"/> Other			

Measles Contact Investigation Summary

Case #	Name	CHD Notified Date	Dates Infectious
689004	KRISTIN MEASLES	01/23/2015	01/18/2015 - 01/26/2015

Questions have been added to more fully characterize rash and fever. Additionally, a question has been included to allow documentation of other differential diagnoses.

- Question 2:** Record the number of days of rash at the time of completing the survey.
- Question 12:** List the other diagnoses that the medical practitioner is considering at the time of report.

2. Duration of rash (in days):

3. Was rash generalized?

4. Did the rash start at the hairline?

5. Was the rash absent from the scalp?

6. Did the rash progress downward to other body areas?

7. Does the rash appear on the palms and/or soles?

8. Physician's clinical description of rash (e.g., characteristics, location, progression, was the rash on the face confluent?, lesions blanching maculae (Erythematous macule)?, smooth papules?):

9. Medications taken in the week prior to rash onset:

10. If fever temperature was recorded, enter the highest known temperature ($^{\circ}\text{F}$):

11. Was the person on an antipyretic at the time of the temperature check?

12. Other differential diagnoses:

4.2 Vaccination History

Questions have been added to capture how many total doses of measles-containing vaccine were administered to the case or PUI prior to illness onset and how the vaccination status and dose number for the case or PUI were obtained.

- **Question 13, Sub-question 1:** If the case or PUI has ever received measles-containing vaccine, select the total number of doses prior to illness onset in the first sub-question under question 13.
- **Question 14:** If the vaccination status of the case or PUI is known (whether they have or have not ever received measles-containing vaccine), complete question 14 to provide context.

Vaccination History

13. Had person ever received measles-containing vaccine?

Number of doses of measles-containing vaccine prior to illness onset:

If person was not vaccinated, what was reason?

Dose 1 - date given:

Dose 2 - date given:

Dose 3 - date given:

Dose 4 - date given:

14. How were the vaccination status and dose number obtained?

4.3 Under Investigation

- **Question 19:** Indicate whether the person was a probable or confirmed case or a person under investigation (PUI) at the initial time of CHD notification.
 - If a PUI is later determined to be a case or if the case is marked for deletion, the response to this question should remain “Person under investigation.”

Under Investigation

19. At the time of CHD notification, was the person a case or a person under investigation?

20. Rule out level of suspicion:

21. Was specimen submission to BPHL recommended?

- **Question 20:** Indicate the current rule out level of suspicion for the PUI. In the event that a PUI is ruled out as not a case, this response should be changed to “None (ruled out).”

20. Rule out level of suspicion:

21. Was specimen submission to BPHL recommended?

22. Serum specimen collected?

Date serum specimen collected:

- **Question 21:** Indicate if specimen submission to BPHL was recommended for the PUI.

21. Was specimen submission to BPHL recommended?	<input type="button" value="Yes"/>
22. Serum specimen collected?	<input type="button" value="No"/>
Date serum specimen collected:	

- **Questions 22 and 23:** Once serology or PCR testing has been initiated for the PUI, complete all applicable parts of questions 22 and 23.

22. Serum specimen collected?	<input type="button" value="Yes"/>
Date serum specimen collected:	<input type="text"/>
To which lab was specimen sent?	<input type="text"/>
If other, describe:	<input type="text"/>
23. PCR specimens (nasopharyngeal, oropharyngeal, urine) collected?	<input type="button" value="Yes"/>
Which specimen types were collected (check all that apply):	<input type="checkbox"/> Nasopharyngeal (NP) <input type="checkbox"/> Oropharyngeal (OP) <input type="checkbox"/> Urine
Date NP specimen collected:	<input type="text"/>
Date OP specimen collected:	<input type="text"/>
Date urine specimen collected:	<input type="text"/>
To which lab were PCR specimens sent?	<input type="text"/>
If other, describe:	<input type="text"/>
Date sent:	<input type="text"/>
Date results expected:	<input type="text"/>

- **Questions 24 and 25:** Complete question 24 and 25 on exposures for the Case or PUI.

24. Known exposures (e.g., part of an unvaccinated or under vaccinated community, travel to area of known outbreak):	<input type="text"/>
25. Was person exposed to known rash illness in the 21 days prior to onset of rash?	<input type="button" value="Yes"/>
The remaining questions do not need to be completed until the person is determined to be a confirmed or probable case.	

4.4 Epidemiologic

Questions have been added to document the case's activity history and exposure settings for contract tracing.

NOTE: The Epidemiologic section only needs to be completed if the person is a confirmed or probable case.

- **Question 28:** Record the case's activity history for 18 days **before** rash onset to 7 days **after** rash onset (Day 0 is the rash onset date) in order to identify potential exposures and to gather information needed for contact tracing.

28. Activity history for 18 days **before** rash onset and 7 days **after** rash onset:

Day (-18):

Day (-17):

Day (-16):

Day (-15):

Day (-14):

Day (-13):

Day (-12):

Day (-11):

Day (-10):

- **Question 29:** Record exposure settings where contacts were identified, and the number breakdown of contacts for a confirmed case.

NOTE: These numbers should be updated daily as more information is gathered during the investigation.

29. Exposure settings where contacts were identified:

Setting 1:

Setting type:

If other setting, specify:

County:

Number of potentially exposed identified:

Number of exposed reached:

Number reached with evidence of immunity:

Number reached with no evidence of immunity:

Number reached with unknown immunity:

Number reached with suspected measles:

Number of exposed not reached:

Details of contact investigation:

- For each setting the total number of exposed (i.e., contacts) identified should be entered into the “Number of potentially exposed identified” field.
- “Number of exposed reached” + “Number of exposed not reached” = “Number of potentially exposed identified.”

Number of potentially exposed identified:	8
Number of exposed reached:	7
Number reached with evidence of immunity:	
Number reached with no evidence of immunity:	
Number reached with unknown immunity:	
Number reached with suspected measles:	
Number of exposed not reached:	1

- “Number of reached with evidence of immunity” + “Number reached with no evidence of immunity” + “Number reached with unknown immunity” = “Number of exposed reached.”
- The “Number reached with suspected measles” should not exceed the “Number of exposed reached.”

Number of potentially exposed identified:	8
Number of exposed reached:	7
Number reached with evidence of immunity:	4
Number reached with no evidence of immunity:	1
Number reached with unknown immunity:	2
Number reached with suspected measles:	1
Number of exposed not reached:	1

5 NEW REPORTS

Under Analysis tab, two new measles specific reports have been added under Event Specific Reports.

- EVENT SPECIFIC REPORTS**
 - [Measles Contact Investigation Summary](#)
 - [Measles Case/PUI Investigation Summary](#)

5.1 Measles Contact Investigation Summary

The Measles Contact Investigation Summary generates a report of the contacts for the confirmed measles cases during the current event year.

- On the report selection criteria page, select a county or group of counties to run the report.
- Edit the information in the Custom Header box to make your own report title.

The screenshot shows the 'Measles Contact Investigation Summary Report' selection criteria page. At the top, there are date selection options: 'Date Type: EVENT DATE' (selected), 'Date', 'Week', 'Calendar Year', and 'Report Year'. Below this is a 'Date Range' section with '01/04/2015' through '03/10/2015' and an 'OR' option for 'CURRENT REPORT YEAR'. The 'Region' dropdown is set to 'ALL'. The 'County' dropdown is open, showing a list of Florida counties: ALL, ALACHUA, BAKER, BAY, BRADFORD, BREVARD, BROWARD, and CALHOUN. A red box highlights the 'County' dropdown and the 'Add >>' button. The 'Family' dropdown is set to 'ALL'. The 'FL Disease Code' field is empty. A callout bubble points to the 'Custom Header' field with the text 'Type your report title here.' The 'Custom Header' field contains the text 'Confirmed Cases of Measles (Rubeola) with Event Date from 01/04/2015 to 03/10/2015'. At the bottom, there are buttons for 'Addtl Criteria', 'Save as Template', and 'View Report'.

Merlin Measles Guidance (V 2.1)

- For each confirmed case, the report displays all the exposure settings where contacts were identified and the count breakdown for the contact investigation.

Case #	Name	CHD Notified Date	Dates Infectious	County Impacted	Exposure Settings Where Contacts were Identified	Number of Potentially Exposed Identified	Number of Exposed Reached	Number of Exposed Not Reached	Number Reached with Evidence of Immunity	Number Reached without Immunity	Number Reached with Unknown Immunity	Number Reached with Suspected Measles	Notes
689004	KRISTIN MEASLES	01/23/2015	01/18/2015 - 01/26/2015	Broward	Vehicle/airplane	6	6	0	6	0	0	0	Cruise workers. Managed by cruise ship, Broward supplied IG.
				Broward	Vehicle/airplane	44	44	0	34	10	0	0	
				Collier	Vehicle/airplane	3	3	0	3	0	0	0	Flight Frankfurt to Miami.
				Hillsborough	Vehicle/airplane	4	4	0	4	0	0	0	Flight Frankfurt to Miami. 3 kids not on the manifest were ID'd when CHD inquired.
				Miami Dade	Vehicle/airplane	16	4	12	3	1	0	0	Flight Frankfurt to Miami. Miami clarified status of notifications (2/6). Notifications have been sent by email to 15 passengers; one undeliverable. DOH-Miami only spoke with 2 passengers. One passenger provided information for 2 additional passengers (parents); no further return calls or updates from passengers as of 2/5/2015.
				Miami Dade	Hotel	5	5	0	5	0	0	0	
				Palm Beach	Vehicle/airplane	5	4	1	4	0	0	0	Flight Frankfurt to Miami. Still working on notifying the other one; sent out a registered letter 2/3/2015; no further response as of 2/5/2015.
742189	NOAH EDWARD	01/26/2015	12/31/2014 - 01/08/2015	Hillsborough	Vehicle/airplane	16	16	0	13	3	0	0	Flights Tampa to San Fran. 3 of the exposed have no memory of disease or immunization. None have signs or symptoms of measles.
				Pasco	Home	6	6	0	6	0	0	0	Family/Households.
				Pasco	Doctor's office	22	22	0	22	0	0	0	Pediatrician Staff.
				Pasco	Doctor's office	68	23	45	8	15	0	0	Pediatrician Patients. HCHD has contacted parents of 14/15 unimmunized kids, and 9/17 kids with one MMR. 36 uncontacted are known to have 2 MMR. NOT INCLUDING PARENTS - Clinic patients protection 2MMR (36), 1MMR (17). No MMR (15) 10 under six months of age. 1 no record of immunization and 8 at 6 to 15 months of age.
				Duval	Vehicle/airplane	1	1	0	1	0	0	0	Flights Tampa to San Fran.
				Highlands	Vehicle/airplane	1	1	0	1	0	0	0	Flights Tampa to San Fran.
				Lee	Vehicle/airplane	1	1	0	1	0	0	0	Flights Tampa to San Fran.
				Manatee	Vehicle/airplane	2	2	0	2	0	0	0	Flights Tampa to San Fran.
				Pasco	Vehicle/airplane	8	4	4	3	0	1	0	Flights Tampa to San Fran.
				Pinellas	Vehicle/airplane	22	0	21	0	1	0	0	Flights Tampa to San Fran.
				Sarasota	Vehicle/airplane	2	1	1	0	0	1	0	Flights Tampa to San Fran.
				Sumter	Vehicle/airplane	2	2	0	2	0	0	0	Flights Tampa to San Fran.
742190	ADAM HADMEASLES	01/07/2015	01/01/2015 - 01/09/2015	Miami Dade	Hotel	8	8	0	0	0	8	0	The exposed did not remember having measles and they did not provide proof of vaccine.
				Miami Dade	Vehicle/airplane	1	1	0	1	0	0	0	Bus tour. Bus driver was identified but unable to reach the potentially exposed since no manifest kept.
				Miami Dade	Vehicle/airplane	7	7	0	7	0	0	0	Boat tour. Captain and 6 crew members identified. Potentially exposed passengers unknown because company is not required to keep a passenger manifest but must record the number of people on board. The captain verbally said approximately 156 people were aboard for the 2:30pm trip.
				Miami Dade	Vehicle/airplane	1	1	0	1	0	0	0	Taxi.
				Broward	Vehicle/airplane	3	3	0	2	1	0	0	Helicopter tour. 1 person prophylaxed.
				Orange	Vehicle/airplane	1	0	1	0	0	0	0	Flight Miami to NYC. Phone and email not successful.
Total*						255	191	64	150	30	11	0	

*Total is approximate, as all categories may not be mutually exclusive.

5.2 Measles Case/PUI Investigation Summary

The Measles Case/PUI Investigation Summary generates a multi-table report of measles confirmed and probable cases and persons under investigation (PUI) during the current event year.

- On the report selection criteria page, select a county or group of counties to run the report.
- Edit the information in the Custom Header box to make your own report title.

Measles Case/PUI Investigation Summary Report

Date Type: **EVENT DATE** ☒ Date ☐ Week ☐ Calendar Year ☐ Report Year
Date Range: 01/04/2015 Through 03/10/2015 OR CURRENT REPORT YEAR

Region: ALL
County: ALL, ALACHUA, BAKER, BAY, BRADFORD, BREVARD, BROWARD, CALHOUN
Add >> << Remove

Family: ALL
FL Disease Code:
Type your report title here.
Add >> << Remove

Custom Header: ☒ Confirmed, Probable, Suspect, Unknown Cases of Measles (Rubeola) with Event Date from 01/04/2015 to 03/10/2015
Addtl Criteria Save as Template View Report

Merlin Measles Guidance (V 2.1)

- Table 1 displays the residency status for the confirmed and probable cases.
- Table 2 displays the case status breakdown by residency.
- Table 3 displays the outcome statuses for PUIs.
- Table 4 displays the serology and PCR testing statuses for PUIs.

Florida Department of Health - Measles Case/PUI Investigation Summary

MEASLES CASE/PUI INVESTIGATION SUMMARY REPORT

CONFIRMED, PROBABLE, SUSPECT, UNKNOWN CASES OF MEASLES (RUBEOLA) WITH EVENT DATE FROM 01/04/2015 TO 03/04/2015 IN MULTIPLE COUNTIES

Table 1: Residency Status for all Confirmed or Probable Cases

Residency Status	Number	Percent
Florida residents	0	0.0%
Non-Florida residents, out of state	2	50.0%
Non-Florida residents, out of country	2	50.0%
Unknown	0	0.0%
Total	4	

Table 2: Number of Cases and Persons Under Investigation

Case Status	Total Number	Percent	Number Florida Resident	Percent	Number Non-Florida Resident	Percent
Confirmed	3	42.9%	0	0.0%	3	60.0%
Probable	1	14.3%	0	0.0%	1	20.0%
Persons under investigation	3	42.9%	2	100.0%	1	20.0%
Unknown	0	0.0%	0	0.0%	0	0.0%
Total	7					

Table 3: Summary of Persons Under Investigation

Persons Under Investigation Outcome Status	Number	Percent
Persons under investigation and became cases	2	28.6%
Persons under investigation and ruled out (marked for deletion)	2	28.6%
Persons still under investigation	3	42.9%

Table 4: Summary of Testing for Persons Currently Under Investigation

Persons Under Investigation Testing Status	Number	Percent
Persons under investigation where specimen submission to BPHL was recommended	3	100.0%
Persons under investigation with serum specimen collected	1	33.3%
Persons under investigation with a PCR specimen (nasopharyngeal, oropharyngeal or urine) collected	3	100.0%
Persons under investigation with a specimen (serum or PCR) submitted to BPHL	3	100.0%
Persons under investigation with specimen that tested PCR or IgM positive	0	0.0%

5.2.1 Drilldown functionality

The Measles Case/PUI Investigation Summary contains drilldown functionality. Clicking on a number in the report will generate a list line of the cases or PUIs included in that count.

Florida Department of Health - Measles Case/PUI Investigation Summary

MEASLES CASE/PUI INVESTIGATION SUMMARY REPORT

CONFIRMED, PROBABLE, SUSPECT, UNKNOWN CASES OF MEASLES (RUBEOLA) WITH EVENT DATE FROM 01/04/2015 TO 03/10/2015 IN MULTIPLE COUNTIES

Table 1: Residency Status for all Confirmed or Probable Cases

Residency Status	Number	Percent
Florida residents	0	0.0%
Non-Florida residents, out of state	2	50.0%
Non-Florida residents, out of country	2	50.0%
Unknown	0	0.0%
Total	4	

Florida Department of Health - Measles Case/PUI Investigation Details

CONFIRMED, PROBABLE, SUSPECT, UNKNOWN CASES OF MEASLES (RUBEOLA) WITH EVENT DATE FROM 01/04/2015 TO 03/10/2015 IN MULTIPLE COUNTIES

Case#	Last Name	Age at event	Sex	Residency	Case status	Had person ever received any measles-containing vaccine?	Number of doses of measles-containing vaccine prior to illness onset	How were the vaccination status and dose number obtained?	If not vaccinated, what was the reason?	Travel History	Known exposures	Was patient exposed to known rash illness in the 21 days prior to onset of rash?	Case Symptoms and onset dates	If fever was recorded, enter the highest known temperature (°F)	Was person on an antipyretic at time of rash temperature check?	Was the rash generalized?	Did rash start within 7 days of onset of fever?
742183	FIX	29	FEMALE	GA	PROBABLE								Conjunctivitis 01/05/2015 CORVZA/RUNNY NOSE 01/05/2015 Cough 01/05/2015 Fever 01/05/2015 Koplik Spots 01/05/2015 Rash 01/05/2015 Temperature >= 101.0°F 01/05/2015				
742183	EDWARD	4	MALE	CA	CONFIRMED	No		Parent/guardian reported	Parental refusal	Unsubstantiated CA theme park connection reported by family.	Unknown	Generalized, maculopapular rash lasting >= 3 days 102 Koplik Spots Conjunctivitis 01/04/2015 CORVZA/RUNNY NOSE 01/04/2015 Fever 01/04/2015 Rash 01/04/2015 Temperature >= 101.0°F 01/04/2015	102	No	Yes	Yes	